

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1 1 (Currently Amended). A voice processing system
2 characterized by
3 comprising:
4 a terminal which transmits input voice
5 information and outputs received information;
6 a voice processing unit which performs
7 voice processing on the basis of voice information
8 from said terminal; and
9 an information providing unit which
10 receives a voice processing result obtained by
11 said voice processing unit and transmits
12 information reflecting the voice processing result
13 to said terminal,
14 ~~wherein said terminal, said voice~~
15 ~~processing unit, and said information providing~~
16 ~~unit share processing identification information~~
17 ~~corresponding to a series of processes performed~~
18 ~~by said voice processing unit and said information~~
19 ~~providing unit on the basis of the voice~~
20 information one of said information providing unit
21 and said voice processing unit generates
 processing identification information

22 corresponding to a series of processes performed
23 by said by said voice processing unit and said
24 information providing unit on the basis of the
25 voice information, and said terminal, said voice
26 processing unit, and said information providing
27 unit share the processing identification
28 information.

1 2 (Original). A voice processing
2 system according to claim 1, characterized in that
3 said voice processing unit comprises voice
4 processing executing means for performing at least
5 one of voice recognition processing, interaction
6 processing, and collation processing as the voice
7 processing.

3. (Canceled)

1 4 (Original). A voice processing
2 system according to claim 3, characterized in that
3 one of said information providing unit and said
4 voice processing unit further comprises
5 communication means for transmitting the generated
6 processing identification information to said
7 terminal.

1 5(Original). A voice processing system
2 according to claim 4, characterized in that said
3 terminal comprises communication means for
4 receiving the processing identification
5 information generated by one of said information
6 providing unit and said voice processing unit and
7 transmitting the received processing
8 identification information to the other of said
9 information providing unit and said voice
10 processing unit.

1 6 (Original). A voice processing
2 system according to claim 4, wherein said terminal
3 comprises communication means for receiving the
4 processing identification information generated by
5 said identification information generating means
6 of said information providing unit and
7 transmitting the received processing
8 identification information to said voice
9 processing unit together with the input voice
10 information.

1 7 (Original). A voice processing
2 system according to claim 1, characterized in that
3 the processing identification information is
4 unique identification information of said

5 terminal.

1 8 (Original). A voice processing
2 system according to claim 7, characterized in that
3 said terminal comprises
4 unique identification information
5 output means for outputting the unique
6 identification information, and
7 communication means for transmitting
8 the unique identification information from said
9 unique identification information means as the
10 processing identification information to said
11 voice processing unit and said information
12 providing unit.

1 9 (Original). A voice processing
2 system according to claim 8, characterized in that
3 said unique identification information output
4 means outputs, as the unique identification
5 information without any change, terminal
6 identification information held in advance by said
7 terminal.

1 10 (Original). A voice processing
2 system according to claim 8, characterized in that
3 said unique identification information output

4 means comprises means for generating and
5 outputting the unique identification information
6 on the basis of terminal identification
7 information held in advance by said terminal.

11 (Original). A voice processing
system according to claim 1, characterized in that
said terminal comprises communication
means for transmitting the processing
identification information to said voice
processing unit together with the input voice
information, and

said voice processing unit comprises
reception means for receiving the voice
information and the processing identification
information from said terminal,

voice processing executing means for
executing voice processing for the received voice
information, and

transmission means for transmitting the
processing identification information to said
information providing unit upon containing the
information in a voice processing result obtained
by said voice processing executing means.

2 system according to claim 1, characterized in that
3 said terminal comprises communication means for
4 transmitting a transmission packet having the
5 processing identification information stored in a
6 header portion to said voice processing unit.

1 13 (Original). A voice processing
2 system according to claim 1, characterized in that
3 said information providing unit
4 comprises
5 reception means for receiving, together
6 with the processing identification information, a
7 voice processing result obtained by said voice
8 processing unit,
9 information management means for
10 preparing resultant information reflecting the
11 voice processing result, in correspondence with
12 the processing identification information, and
13 transmission means for transmitting the
14 resultant information to said terminal, and
15 said terminal comprises output means
16 for outputting the resultant information from said
17 information providing unit.

1 14 (Original). A voice processing
2 system according to claim 1, characterized in that

3 said information providing unit
4 comprises
5 reception means for receiving, together
6 with the processing identification information, a
7 voice processing result obtained by said voice
8 processing unit,
9 information management means for
10 preparing content information reflecting the voice
11 processing result, in correspondence with the
12 processing identification information, and
13 transmission means for transmitting the
14 content information to said terminal, and
15 said terminal comprises output means
16 for outputting the content information from said
17 information providing unit.

1 15 (Original). A voice processing
2 system according to claim 1, characterized in that
3 said information providing unit comprises
4 first reception means for receiving,
5 together with the processing identification
6 information, a voice processing result obtained by
7 said voice processing unit, and
8 information management means for
9 placing content information reflecting the voice
10 processing result in a place represented by URL

11 (Uniform Resource Locator) information containing
12 the processing identification information, and
13 first transmission for transmitting the
14 content information corresponding to the URL
15 information designated by said terminal to said
16 terminal.

1 16 (Original). A voice processing
2 system according to claim 15, characterized in
3 that said information providing unit further
4 comprises
5 second transmission means for
6 transmitting recognition resultant information
7 corresponding to input voice which reflects the
8 voice processing result to said terminal,
9 third transmission means for
10 transmitting, to said terminal, the content
11 information corresponding to the URL information
12 designated by said terminal which has received the
13 recognition resultant information.

1 17 (Original). A voice processing
2 system according to claim 1, characterized in that
3 the voice information is at least one of
4 digitalized voice data, compressed voice data, and
5 a feature vector.

1 18 (Currently Amended). A voice
2 processing system according to claim 1,
3 characterized in that
4 said terminal, said voice processing
5 unit, and said information providing unit are
6 respectively a client, a voice processing server,
7 and an information providing server which are
8 communication-connected to each other,
9 said client comprises
10 first transmission means for
11 transmitting a service request signal to said
12 information providing server when a service
13 request is issued,
14 reception means for receiving the
15 processing identification information transmitted
16 from said information providing server as a
17 response to the service request signal, and
18 second transmission means for
19 transmitting the input voice information to said
20 voice processing server together with the
21 processing identification information,
22 said voice processing server comprises
23 reception means for receiving the voice
24 information and the processing identification
25 information from said client,

26 voice processing executing means for
27 executing voice processing for the received voice
28 information, and

29 transmission means for transmitting a
30 voice processing result obtained by said voice
31 processing executing means and the processing
32 identification information to said information
33 providing server, and

34 said information providing server
35 comprises

36 reception means for receiving the
37 service request signal from said client and the
38 voice processing result and the processing
39 identification information from said voice
40 processing server,

41 said identification information
42 generating means for generating the processing
43 identification information when the service
44 request signal is received,

45 information management means for
46 generating information to be presented to said
47 client on the basis of the processing
48 identification information generated by said
49 identification information generating means, and
50 generating information reflecting the voice
51 processing result in correspondence with the

52 processing identification information from said
53 voice processing server, and
54 transmission means for transmitting the
55 generated processing identification information
56 and the information to said client.

1 19 (Original). A voice processing
2 system according to claim 1, characterized in that
3 said terminal, said voice processing
4 unit, and said information providing unit are
5 respectively a client, a voice processing server,
6 and an information providing server which are
7 communication-connected to each other,
8 said client comprises
9 unique identification information
10 output means for outputting unique identification
11 information of said client as the processing
12 identification information,
13 first transmission means for
14 transmitting a service request signal and the
15 processing identification information to said
16 information providing server when a service
17 request is issued, and
18 second transmission means for
19 transmitting the input voice information to said
20 voice processing server together with the

21 processing identification information,
22 said voice processing server comprises
23 reception means for receiving the voice
24 information and the processing identification
25 information from said client,
26 voice processing executing means for
27 executing voice processing for the received voice
28 information, and
29 transmission means for transmitting a
30 voice processing result obtained by said voice
31 processing means and the processing identification
32 information to said information providing server,
33 and
34 said information providing server
35 comprises
36 reception means for receiving the
37 service request signal and the processing
38 identification information from said client and
39 the voice processing result and the processing
40 identification information from said voice
41 processing server,
42 information management means for
43 generating information to be presented to said
44 client on the basis of the processing
45 identification information from said client, and
46 generating information reflecting the voice

47 processing result in correspondence with the
48 processing identification information from said
49 voice processing server, and
50 transmission means for transmitting the
51 information generated by said information
52 management means to said client.

1 20 (Original). A voice processing
2 system according to claim 19, characterized in
3 that said unique identification information output
4 means uses, as the unique identification
5 information, terminal identification information
6 held in advance by said client.

1 21 (Original). A voice processing
2 system according to claim 19, characterized in
3 that said unique identification information output
4 means comprises means for generating the unique
5 identification information on the basis of
6 terminal identification information held in
7 advance by said client.

1 22 (Currently Amended). A voice
2 processing system according to claim 1,
3 characterized in that
4 said terminal, said voice processing

5 unit, and said information providing unit are
6 respectively a client, a voice processing server,
7 and an information providing server which are
8 communication-connected to each other,
9 said client comprises
10 first transmission means for
11 transmitting a service request signal to said
12 information providing server when a service
13 request is issued,
14 second transmission means for
15 transmitting a voice processing request signal to
16 said voice processing server,
17 reception means for receiving the
18 processing identification information transmitted
19 from said voice processing server as a response to
20 the voice processing request signal,
21 third transmission means for
22 transmitting the received processing
23 identification information to said information
24 providing server, and
25 fourth transmission means for
26 transmitting the input voice information to said
27 voice processing server together with the
28 processing identification information,
29 said voice processing server comprises

30 first reception means for receiving the
31 voice processing request signal from said client,
32 said identification information
33 generating means for generating the processing
34 identification information when the voice
35 processing request signal is received,
36 first transmission means for
37 transmitting the generated processing
38 identification information to said client,
39 second reception means for receiving
40 the voice information and the processing
41 identification information from said client,
42 voice processing executing means for
43 executing voice processing for the voice
44 information from said client, and
45 transmission means for transmitting a
46 voice processing result obtained by said voice
47 processing executing means and the processing
48 identification information from said client to
49 said information providing server, and
50 said information providing server
51 comprises
52 reception means for receiving the
53 service request signal and the processing
54 identification information from said client and
55 the voice processing result and the processing

56 identification information from said voice
57 processing server,
58 information management means for
59 generating information to be presented to said
60 client on the basis of the service request signal
61 from said client and generating information
62 reflecting the voice processing result in
63 correspondence with the processing identification
64 information from said voice processing server, and
65 transmission means for transmitting the
66 information generated by said information
67 management means to said client.

1 23 (Currently Amended). A voice
2 processing method characterized by comprising the
3 steps of:
4 causing a terminal to transmit input
5 voice information to a voice processing unit;
6 causing the voice processing unit to
7 perform voice processing for the voice information
8 from the terminal;
9 transmitting a voice processing result
10 to an information providing unit; and
11 causing the information providing unit
12 to prepare information reflecting the voice
13 processing result obtained by the voice processing

14 unit, and the step of transmitting the prepared
15 information to the terminal,
16 wherein ~~the terminal, the voice~~
17 ~~processing unit, and the information providing~~
18 ~~unit share processing identification information~~
19 ~~corresponding to a series of processes performed~~
20 ~~by the voice processing unit and the information~~
21 ~~providing unit on the basis of the voice~~
22 information one of said information providing unit
23 and said voice processing unit generates
24 processing identification information
25 corresponding to a series of processes performed
26 by said voice processing unit and said information
27 providing unit on the basis of the voice
28 information, and said terminal, said voice
29 processing unit, and said information providing
30 unit share the processing identification
31 information.

24 (Original). A voice processing
2 method according to claim 23, characterized in
3 that
4 the terminal, the voice processing
5 unit, and the information providing unit are
6 respectively a client, a voice processing server,
7 and an information providing server which are

8 communication-connected to each other, and
9 the method comprises the steps of
10 causing the client to transmit a
11 service request signal to the information
12 providing server,
13 causing the information providing
14 server to generate the processing identification
15 information when receiving the service request
16 signal, generating information to be presented to
17 the client on the basis of the processing
18 identification information, and transmitting the
19 generated processing identification information
20 and the information to the client,
21 causing the client to transmit the
22 input voice information to the voice processing
23 server together with the processing identification
24 information from the information providing server,
25 causing the voice processing server to
26 perform voice processing for the voice information
27 from the client, and transmitting a voice
28 processing result and the processing
29 identification information from the client to the
30 information providing server, and
31 causing the information providing
32 server to prepare, in correspondence with the
33 processing identification information from the

34 voice processing server, information reflecting
35 the voice processing result obtained by the voice
36 processing server, and transmitting the prepared
37 information to the terminal.

1 25 (Original). A voice processing
2 method according to claim 23, characterized in
3 that

4 the terminal, the voice processing
5 unit, and the information providing unit are
6 respectively a client, a voice processing server,
7 and an information providing server which are
8 communication-connected to each other, and

9 the method comprises the steps of
10 causing the client to transmit a
11 service request signal and the processing
12 identification information to the information
13 providing server,

14 causing the information providing
15 server to generate information to be presented to
16 the client on the basis of the processing
17 identification information when receiving the
18 service request signal and the processing
19 identification information, and transmitting the
20 generated information to the client,

21 causing the client to transmit the

22 input voice information to the voice processing
23 server together with the processing identification
24 information after receiving the information from
25 the information providing server,

26 causing the voice processing server to
27 perform voice processing for the voice information
28 from the client, and transmitting a voice
29 processing result and the processing
30 identification information from the client to the
31 information providing server, and

32 causing the information providing
33 server to prepare, in correspondence with the
34 processing identification information from the
35 voice processing server, information reflecting
36 the voice processing result obtained by the voice
37 processing server, and transmitting the prepared
38 information to the terminal.

1 26 (Original). A voice processing
2 method according to claim 25, characterized by
3 further comprising the step of causing the client
4 to output unique identification information of the
5 client,

6 wherein the step of causing the client
7 to transmit the processing identification
8 information comprises the step of transmitting the

9 unique identification information of the client as
10 the processing identification information.

1 27 (Original). A voice processing
2 method according to claim 26, characterized in
3 that the step of outputting comprises the step of
4 using terminal identification information held in
5 advance by the client as the unique identification
6 information.

1 28 (Original). A voice processing
2 method according to claim 26, characterized in
3 that the step of outputting comprises the step of
4 generating the unique identification information
5 on the basis of terminal identification
6 information held in advance by the client.

1 29 (Original). A voice processing
2 method according to claim 23, characterized in
3 that
4 the terminal, the voice processing
5 unit, and the information providing unit are
6 respectively a client, a voice processing server,
7 and an information providing server which are
8 communication-connected to each other, and
9 the method comprises the steps of

10 causing the client to transmit a
11 service request signal to the information
12 providing server,
13 causing the information providing
14 server to generate information to be presented to
15 the client when receiving the service request
16 signal, and transmitting the generated information
17 to the client,
18 causing the client to transmit a voice
19 processing request signal to the voice processing
20 server,
21 causing the voice processing server to
22 generate the processing identification information
23 when receiving the voice processing request
24 signal, and transmitting the processing
25 identification information to the client,
26 causing the client to receive the
27 processing identification information from the
28 voice processing server and transmit the
29 processing identification information to the
30 information providing server, and transmitting the
31 input voice information to the voice processing
32 server together with the processing identification
33 information,
34 causing the voice processing server to
35 perform voice processing for the voice information

36 from the client, and transmitting a voice
37 processing result and the processing
38 identification information from the client to the
39 information providing server, and
40 causing the information providing
41 server to prepare, in correspondence with the
42 processing identification information from the
43 voice processing server, information reflecting
44 the voice processing result obtained by the voice
45 processing server, and transmitting the prepared
46 information to the terminal.

1 30 (Original). An information
2 providing server unit characterized by comprising:
3 first reception means for receiving a
4 service request signal from a client;
5 identification information generating
6 means for generating processing identification
7 information corresponding to a series of processes
8 performed on the basis of voice information from
9 said client when the service request signal is
10 received;
11 means for generating first information
12 to be presented to said client on the basis of the
13 processing identification information;
14 first transmission means for

15 transmitting the processing identification
16 information and the first information to said
17 client;
18 second reception means for receiving a
19 voice processing result and the processing
20 identification information from a voice processing
21 server which performs voice processing upon
22 receiving the voice signal and the processing
23 identification information from said client;
24 means for generating second information
25 reflecting the voice processing result in
26 correspondence with the processing identification
27 information from the voice processing server; and
28 second transmission means for
29 transmitting the second information to said
30 client.

1 31 (Original). A client unit
2 characterized by comprising:
3 unique identification information
4 output means for outputting unique identification
5 information of the client unit as processing
6 identification information corresponding to a
7 series of processes performed by a voice
8 processing server which performs voice processing
9 for voice information from the client unit and an

10 information providing server which transmits
11 information reflecting a voice processing result
12 obtained by said voice processing server to the
13 client unit;

14 first transmission means for
15 transmitting a service request signal and the
16 processing identification information to said
17 information providing server when a service
18 request is issued; and

19 second transmission means for
20 transmitting the input voice information to said
21 voice processing server together with the
22 processing identification information.

1 32 (Original). A client unit according
2 to claim 31, characterized in that said unique
3 identification information output means uses, as
4 the unique identification information without any
5 change, terminal identification information held
6 in advance by the client unit.

1 33 (Original). A client unit according
2 to claim 31, characterized in that said unique
3 identification information output means comprises
4 means for generating the unique identification
5 information on the basis of terminal

6 identification information held in advance by the
7 client unit.

1 34 (Original). A voice processing
2 server unit characterized by comprising:
3 first reception means for receiving a
4 voice processing request signal from a client;
5 identification information generating
6 means for generating processing identification
7 information corresponding to a series of processes
8 performed on the basis of voice information from
9 said client when the voice processing request
10 signal is received;

11 first transmission means for
12 transmitting the processing identification
13 information to said client;

14 second reception means for receiving
15 the voice information and the processing
16 identification information from said client;

17 voice processing executing means for
18 performing voice processing for the voice
19 information from said client; and

20 transmission means for transmitting, to
21 an information providing server, a voice
22 processing result obtained by said voice
23 processing executing means and the processing

24 identification information from said client, while
25 generating information reflecting the voice
26 processing result in correspondence with the
27 processing identification information.

1 35 (Original). A program which causes
2 a computer serving as an information providing
3 server unit to implement:
4 a first reception function of receiving
5 a service request signal from a client;
6 an identification information
7 generating function of generating processing
8 identification information corresponding to a
9 series of processes performed on the basis of
10 voice information from the client when the service
11 request signal is received;
12 a function of generating first
13 information to be presented to the client on the
14 basis of the processing identification
15 information;
16 a first transmission function of
17 transmitting the processing identification
18 information and the first information to the
19 client;
20 a second reception function of
21 receiving the voice signal and the processing

22 identification information from the client and
23 receiving a voice processing result and the
24 processing identification information from a voice
25 processing server which performs voice processing;
26 a function of generating second
27 information reflecting the voice processing result
28 in correspondence with the processing
29 identification information from the voice
30 processing server; and
31 a second transmission function of
32 transmitting the second information to the client.

1 36 (Original). A program which causes
2 a computer serving as a client unit to implement:
3 a unique identification information
4 output function of outputting unique
5 identification information of the client unit as
6 processing identification information
7 corresponding to a series of processes performed
8 by a voice processing server which performs voice
9 processing for voice information from the client
10 unit and an information providing server which
11 transmits information reflecting a voice
12 processing result to the client unit;
13 a first transmission function of
14 transmitting a service request signal and the

15 processing identification information to the
16 information providing server when a service
17 request is issued; and
18 a second transmission function of
19 transmitting the input voice information and the
20 processing identification information to the voice
21 processing server.

1 37 (Original) . A program according to
2 claim 36, wherein as the unique identification
3 information output function, the program
4 implements a function of using terminal
5 identification information held in advance by the
6 client unit as the unique identification
7 information without any change.

1 38 (Original). A program according to
2 claim 36, wherein as the unique identification
3 information output function, the program
4 implements a function of generating the unique
5 identification information on the basis of
6 terminal identification information held in
7 advance by the client unit.

1 39 (Original). A program which causes a

2 computer serving as a voice processing server unit
3 to implement:

4 a first reception function of receiving
5 a voice processing request signal from a client;
6 an identification information
7 generating function of generating processing
8 identification information corresponding to a
9 series of processes performed on the basis of
10 voice information from the client when the voice
11 processing request signal is received;

12 a first transmission function of
13 transmitting the processing identification
14 information to the client;

15 a second reception function of
16 receiving the voice information and the processing
17 identification information from the client;

18 a voice processing execution function
19 of executing voice processing for the voice
20 information from the client; and

21 a transmission function of
22 transmitting, to an information providing server,
23 a voice processing result obtained by the voice
24 processing execution function and the processing
25 identification information from the client, while
26 generating information reflecting the voice
27 processing result in correspondence with the

28 processing identification information.

2 40 (Currently Amended). An information
3 processing system characterized by comprising a
4 client and a plurality of servers,
5 wherein a series of processes (A), (B),
6 and (C):

7 (A) in association with processing
8 executed by at least one of said plurality of
9 servers on the basis of a request from said
10 client, processing is performed by another server
11 in accordance with the request,

12 (B) exchanging a processing result
13 between said another server and said one server,
14 and

15 (C) causing said one server to generate
16 response information in response to the request on
17 the basis of the processing result
18 are managed by common processing identification
19 information shared by said client, said one
20 server, and said another server, and the
21 processing identification information is generated
22 by one of said one server and said another server.

1 42 (Original). An information
2 processing system according to claim 40,
3 characterized in that as the processing
4 identification information, unique identification
5 information of said client is used.

1 43 (Original). An information
2 processing system according to claim 40,
3 characterized in that
4 said one server comprises a Web server,
5 and said another server comprises a voice
6 processing server which performs voice processing,
7 and
8 voice uttered by a user which is input
9 to said client is managed by the processing
10 identification information.